

A COMPACT ELLIPTICAL INFRARED LIGHT UNIT FOR A MOTOR VEHICLE

ABSTRACT OF THE DISCLOSURE

An infrared light unit for a motor vehicle includes a light source, a
5 reflector having two focal regions and a lens. The light source is in
one of the focal regions and produces a pool of reflected light in the
other focal region, and the lens converts this pool of light into a beam
projected on the road. The light unit includes, between the reflector
and the lens, a filter which is opaque to visible light and transparent to
10 infrared light, and which is movable between a position out of the path
of light going from the reflector to the lens, and an active position in
which all or most of the light going from the reflector to the lens
passes through the filter.